

1. Best linear Unbiased Prediction (BLUP) is a method used for evaluation of

Answer: **Sire**

2. The SNF % in cow milk as per Prevention of Food Adulteration Act is

Answer: **8.5**

3. The nutritive value of paddy straw is enhanced by urea treatment which is due to

Answer: **increase in the nitrogen content as well as breakage of ligno-cellulose bond**

4. The optimum level of crude protein in the diet of broiler chick is

Answer: **20 - 23%**

5. Which one of the following is correctly matched

Answer: **Vitamin A - Carotene**

6. Fermentation of cellulose in rumen results in formation of
Acetic acid

Propionic acid

Butyric acid

Answer: **All the above**

7. White muscle disease can be prevented by

Answer: **Selenium**

8. Which of the following is correctly matched

Answer: **Dog – Whelping, Goat – Kidding, Pig - Farrowing**

9. Hardness of water is due to the presence of

Answer: **Calcium and Magnesium salts**

10. Thermophilic organisms require the temperature of

Answer: **above 40 °C**

11. Red dysentery in calves is caused by

Answer: ***Eimeria zureni***

12. Castor oil is classified as a

Answer: **irritant purgatives**

13. Foot rot is caused by

Spherophorus necrophorus

14. Prolene is a

Answer: **Synthetic non-absorbable suture material**

15. Which one of the following disease is transmitted congenitally

Answer: **Tuberculosis**

16. The condition in which crystals of uric acid or urates of sodium and calcium are deposited in the tissues is called

Answer: **Gout**

17. In cows, after parturition, the placental membranes are considered as "retained" if they are not expelled within

Answer: **12-24 hours**

18. Females that have never conceived or carried a young one is called as

Answer: **Nullipara**

19. A circumscribed cavity in the epidermis containing pus is called as

Answer: **Pustule**

20. Which one of the following has the highest arterial blood pressure

Answer: **Birds**

21. Causative bacteria for Haemorrhagic Septicaemia (HS), a disease encountered in cattle is

Answer: ***Pasteurella multocida***

22. Which one of the following is correctly matched

Answer: **Generalised subcutaneous oedema - Anasarca**

23. Humoral immunity is produced because of

Answer: **B-Lymphocytes**

24. Malignant tumours are always harmful because

Tumours may metastasize in other vital organs

There is rapid growth

There are chances of reoccurrence

Answer: **All the above**

25. Feed intake in chicks decreases with increase in temperature and hence supplemented with

Answer: **Vitamin E**

26. Meat meal can be supplemented in poultry diet at

Answer: **8 % level**

27. A chick requires in its ration

Answer: **More than 20% protein**

28. The largest sheep breed in India is

Answer: **Lohi**

29. The ratio of bone to meat is more favourable in

Answer: **Pigs**

30. Maximum permissible level of lead in drinking water is

Answer: **0.05 ppm**

31. The most ideal contrast agent used for spinal radiography is

Answer: **Metrizamide**

32. Relative humidity in any well-ventilated building should not exceed that of the outside air by more than

Answer: **7 °F**

33. Drug of choice for canine leptospirosis

Answer: **Doxycycline**

34. Cerebellomedullary cistern is penetrated for the collection of CSF in the following space

Answer: **Atlanto-occipital space**

35. The important feature of avian lung in gas exchange is

Answer: **Gas flows during inspiration and expiration**

36. Growth of *Penicillium spp* on egg shell or just inside it causes

Answer: Pin spot

37. Fibrous strands that connect the papillary muscle to the valvular cups of heart is termed as

Answer: Chordae tendineae

38. Inflammation of tongue

Answer: Glossitis

39. Proto-Oncogenes in normal cell codes for

Answer: Stimulation of cell division

40. Dideoxy chain termination method of DNA sequencing is developed by

Answer: Sanger

41. Following are the important features of secondary rumen contractions

Removal of CO₂

Removal of CH₄ (Methane)

Prevention of distension of rumen

Answer: All the above

42. How much kilogram of fodder can be stored in one cubic metre of silo pit space

Answer: 400 kg

43. Of all domestic animals, which pair of the following are able to withstand extremes of hot temperature

Answer: Cattle and Sheep

44. Chlorine is used in the dairy industry as a

Answer: Sanitizer

45. Which of the following is considered as counter current exchange in the kidneys

Answer: Vasa recta

46. The importance of hexose monophosphate pathway (HMP shunt) is because of it generates

(a) NADPH

(b) Ribose-5 Phosphate

Answer: both (a) and (b)

47. NABARD extends direct loans for

Answer: Agriculture

48. Key village unit covers an area comprising about

Answer: 1000 breedable cows and buffaloes

49. Milk production of India at the end of the Eleventh Plan (2011-12) was

Answer: 127.9 million tonnes

50. In infectious Bursal Disease (IBD) affected chicken, the harderian gland shows

Answer: Decreased number of plasma cells

51. The reason for seizure of a horse according to glanders and Fercy Act, 1899 is

Answer: **Diseased**

52. Sanitary Import Permit (SIP) is issued for high-risk products like

Answer: **Meat & Meat products**

53. Central Referral Laboratory (CRL) the apex laboratory of Tamilnadu state for diagnosis of livestock disease is located at

Answer: **Institute of Veterinary Preventive Medicine (IVPM), Ranipet**

54. Which of the following removes fine dust particles and other debris from the alveolar spaces

Answer: **Macrophages**

55. Which of the following segment of nephron is involved in counter current multiplication process

Answer: **Loop of Henle**

56. The QRS complex in ECG would immediately proceeds which of the following event?

Answer: **Ventricular contraction**

57. In dogs the most commonly occurring coagulation defect haemophilia A is due to the deficiency of

Answer: **Factor VIII**

58. Which one of the following suture materials belongs to organic non absorbable

Answer: **Silk**

59. Gerber's acid is used to estimate

Answer: **Fat percentage of milk**

60. A cross between a male donkey and a mare is termed as

Answer: **Mule**

61. Boar odour is commonly seen in the meat of

Answer: **Uncastrated adult male**

62. Specific media used for isolation of coliform organisms

Answer: **MacConkey agar**

63. Cow milk is slight yellow in colour because of the pigment

Answer: **Carotene**

64. The advantages of fetotomy is

(a) **It reduces the size of the foetus**

(b) **It avoids caesarean operation**

Answer: **Both (a) and (b)**

65. The C.L persists throughout pregnancy in all farm animals except

Answer: **Mare**

66. Characteristic "cup shaped" depressions are seen in the surface of

Answer: **Calcivirus**

67. Instrument(s) used for Fetotomy

Gunther's knife

Thygesen's embryotome

Concealed palm knife

Answer: All the above

68. Hard pad disease is caused by

Answer: *Morbilivirus*

69. Marbling (intramuscular fat in meat) is rich in

Answer: Mutton

70. The holding period for animals in lairage after transport should be minimum of

Answer: 12 hours

71. Which of the following species possess highest sperm concentration per ml of semen

Answer: Poultry

72. The host which harbours the sexually mature parasites of some other definitive host is known as

Answer: Reservoir host

73. Cells called as nurse cell or sustentacular cells of testis

Answer: Sertoli cells

74. Ovine ketosis is more common during

Answer: Late gestation

75. The glycoprotein produced by virus infected cells are

Answer: Interferon

76. A cow apparently always in heat is known as

Answer: Buller

77. Buffalo breed with highest milk yield

Answer: Murrah

78. Pashmina fibre is produced from the goat breed

Answer: Chegu (Cashmere goat breed)

79. Point of elbow is formed by

Answer: Olecranon Process

80. Deltoid tuberosity is present on the lateral surface of

Answer: Humerus

81. Point of croup is formed by

Answer: Tuber sacrale and median sacral crest

82. Father of white revolution

Answer: Vergese Kurien

83. Young chicken less than 28 days old at slaughter and weighing not above 750 grams. are known as

Answer: Poussins

84. Epidural anaesthesia in sows can be given in

Answer: **Lumbosacral space**

85. The drug used for induction of parturition in equine is

Answer: **Oxytocin**

86. The protein coat that covers the nucleic acid of the infectious virus particle is known as

Answer: **Capsid**

87. Hjarre's disease in poultry is caused by

Answer: **E.coli**

88. Chinese letter or Cuneiform arrangement is characteristic of

Answer: **Corynebacteria**

89. Important biochemical change in baby pig disease is

Answer: **Hypoglycemia**

90. In India, most buffaloes calve between

Answer: **November and March**

91. Death of foetus in a sterile uterus may leads to a condition called

Answer: **mummification**

92. Continuous or machinery murmur on auscultation is suggestive of

Answer: **patent ductus arteriosus**

93. The cheese that can be made by using skim milk is

Answer: **cottage**

94. National Institute of Animal Biotechnology is located at

Answer: **Hyderabad**

95. As compared to other milks, human milk is rich in

Answer: **lactose**

96. Who postulated the theory of chromosomal basis of linkage

Answer: **T. H. Morgan**

97. Gulab Jamuns are prepared from

Answer: **Khoa**

98. Offal in poultry is

Answer: **both edible & inedible**

99. Watery pork refers to

Answer: **PSE (Pale, Soft & Exudative) condition**

100. Sustained release drug for pasture bloat

Answer: **Monensin**

101. The by-product obtained in the manufacture of cheese is

Answer: **Whey**

102. The suspected carcasses during post-mortem examination is kept for detailed examination in

Answer: **Detention room**

103. Absence of rigor-mortis in the carcass may result when animals were

Answer: **having High fever**

104. Anthrax is characterized by

Dark coloured blood oozes out from natural orifices

Rigor mortis absent or incomplete

Rapid decomposition of the carcass

Answer: **All the above**

105. Most common cause of canine hypothyroidism

Answer: **Lymphocytic thyroiditis**

106. The first cloned water buffalo calf name is

Answer: **Samrupa**

107. Nesting behavior in birds is associated with the hormone

Answer: **Estradiol**

108. The Red revolution is a revolution which is related to the production of

(a) Tomato, (b) Meat

Answer: **both (a) and (b)**

109. CP equivalent value of urea

Answer: **281%**

110. Synonym for random mating

Answer: **Panmixia**

111. Death in rabies is due to

Answer: **paralysis**

112. Bitterness of milk is due to

proteolysis

Lipolysis

autolysis

Answer: **All the above**

113. Animal species which is not affected by FMD

Answer: **Rhinoceros**

114. Surgery for removal of urinary calculi in the bladder

Answer: **Cystotomy**

115. Sporadic infection is caused by

Answer: **Tetanus**

116. GnRH is secreted from

Answer: **Hypothalamus**

117. Nucleated _____ are seen in Fowl

Thrombocytes

Lymphocytes

RBCs

Answer: **All the above**

118. Ability of an organism to cause disease in a particular host , in terms of severity is known as

Answer: **Virulence**

119. For staining milk smear during direct microscopic count, a special stain used is

Answer: **Newman's stain**

120. The common indicator organisms used for determining faecal contamination in frozen and thermized foods are

Answer: **Enterococci**

121. Which of the following is not correctly matched

Answer: **GNC - Ricin**

122. Water requirement is related to

Answer: **Dry matter intake**

123. Cross between a male horse and female ass is

Answer: **Hinny**

124. Ranikhet disease is caused by the virus

Answer: **Paramyxovirus**

125. Characteristic lesions of Ranikhet disease

Answer: **Haemorrhagic proventriculitis**

126. Split estrus is usually seen in

Answer: **Young bitches**

127. In ruminants HCl and pepsin are secreted in

Answer: **Abomasum**

128. Iron deficiency is the most common cause of

Answer: **Microcytic hypochromic anaemia**

129. VFA given with milk replacer for development of ruminal epithelium in young calves

Answer: **Butyrate**

130. Among the following domestic animals, sweating ability is highest in

Answer: **Horse**

131. Culture media used for the isolation of Leptospira

Answer: **EMJH medium**

132. Equine Protozoal Myeloencephalitis is caused by

Answer: **Sarcocystis neurona**

133. Cortisol increases blood glucose level by

Answer: **Increasing gluconeogenesis**

134. Tuberculin test is based on

Answer: **Hypersensitivity**

135. Act of mating in sheep is known as

Answer: **Tupping**

136. Which of the following is not an anabolic hormone

Answer: **Estrogen**

137. Twisting of bowel on itself when it passes through a tear in the mesentery, is called as

Answer: **Volvulus**

138. Negri bodies are pathognomonic inclusion bodies seen in

Answer: **Rabies**

139. Dark field microscopy is used for examination of

Answer: **Spirochaetes**

140. Capillary rupture and haemorrhage occurs due to deficiency of

Answer: **Vitamin C**

141. Sheep scab is caused by

Answer: ***Psoroptes ovis***

142. Drug of choice for Schistosoma parasite infestation?

Answer: **Praziquantal**

143. Administration of drugs through the skin by means of electric current is called as

Answer: **iontophoresis**

144. The transmission of swine pox virus between pigs done through mechanical route of transmission by insect vectors

Answer: ***Hematopinus suis***

145. Who is the father of mycology?

Answer: **Heinrich Anton de Bary**

146. In poultry the feed intake will be higher when

Answer: **Feed poor in energy**

147. Straus test is used for the diagnosis of

Answer: **Brucellosis**

148. The main cause of death in case of burn during latter stage is

Answer: **Secondary bacterial infection (Sepsis)**

149. In sows, maternal recognition of pregnancy is mainly due to the action of

Answer: **Estrogen**

150. Skin obtained from fully grown large animals is known as

Answer: **Hide**

151. The starter culture used in the production of yoghurt contains

Streptococcus thermophilus

Lactobacillus bulgaricus

Answer: **All the above**

152. Which of the following parasite causes tumour in dogs?

Answer: ***Spirocerca lupi***

153. Infectious Necrotic Hepatitis in sheep is caused by

Answer: ***Clostridium novyi* type B**

154. Spiti horse breed originated from Spiti valley located in

Answer: Himachal Pradesh

155. The space between the incisors and the premolars of rabbits and rodents is known as

Answer: Diastema

156. The packed erythrocytes per unit volume of blood and is expressed as a percentage

Answer: Hematocrit

157. Major volatile fatty acid (VFA) responsible for glucose synthesis in cows

Answer: Propionate

158. The entire collection of proteins that an organism produces is known as

Answer: Proteome

159. Chemical used for fumigation of poultry house is

Answer: Formalin

160. Average dressing percentage of Goat

Answer: 40 - 50

161. Pseudo lumpy skin disease is caused by

Answer: Bovine herpes virus-2

162. Bluish green discoloration of yolk is due to feeding of _____ to chickens

Answer: Cotton seed meal

163. Inhaled anaesthetics is also called as 'laughing gas'?

Answer: Nitrous oxide (N₂O)

164. Antibiotic causing bactericidal effect

Answer: Fluoroquinolones

165. Nerve paralysis and nodules in visceral organs are seen in

Answer: Marek's Disease

166. Which of the following technique is used for detection of number of foetuses in bitch?

Answer: Radiography

167. Intervertebral disc protrusion are common in which of the following breed of dog

Answer: Dachshunds

168. The condition required for sterilization by autoclave

Answer: 121° C for 30 minutes at 15 psi

169. National Institute of High Security Animal Disease (NIHSAD) located at

Answer: Bhopal

170. Which of the following is removed during spaying (ovariohysterectomy) in dogs?

Answer: Ovaries and uterus

171. Presence of "Sulphur granules" in the infected tissues which is pathognomonic for animals infected with

Answer: *Actinomyces bovis*

172. Central Frozen Semen Production & Training Institute is located at

Answer: Bengaluru

173. Mercuric Chloride test is used for diagnosis of _____ in camels

Answer: Trypanosomiasis

174. The parts of Artificial Vagina can be sterilized by _____ method before it is used for semen collection to avoid the contamination and disease transmission

Answer: Autoclave

175. To attain the cornual nerve block in goats, along with the cornual nerve additionally _____ nerve has to be blocked

Answer: Infratrochlear Nerve

176. Night blindness caused by a reduced concentration of rhodopsin in the rod is often used to determine

Answer: Vitamin A deficiency

177. The major protein in egg yolk is

Answer: Ovo vitelline

178. Pigment responsible for "bluish green" shell colour is

Answer: Oocyanin

179. During moulting the feathers first moult at which part of the body

Answer: Head

180. Muzzle twitch is a common restraint applied in

Answer: Horse

181. Lead poisoning, also known as

Plumbism

Saturnism

Painter's colic

Answer: All the above

182. Delhi boil is a synonym of which disease

Answer: Cutaneous Leishmaniosis

183. Kangaroo sitting posture in pigs is due to the deficiency of

Answer: Biotin

184. The immunoglobulin class which can cross the placenta is

Answer: IgG

185. Kidney fat and Peri-renal fat in pork is also known as

Answer: Leaf fat

186. The largest living mammals in the world Blue whales belongs to the order

Answer: Cetaceae

187. Wave represents contraction of ventricle in ECG

Answer: **QRS wave**

188. Only caprine seen in Western Ghats

Answer: **Nilgiri Tahr**

189. When a vaccine is given orally, which type of immunoglobulin generated in the largest quantity

Answer: **IgA**

190. Haemolysis may occur when a blood cell is placed in a

Answer: **Hypotonic solution**

191. Which of the following drug act as an immunostimulant?

Answer: **Levamisole**

192. X rays have the most harmful effect on the

Answer: **Gonads**

193. Severe bleeding from the uterus of large animals may be controlled by

Answer: **Oxytocin**

194. Mulberry heart disease in pigs is due to the deficiency of

Answer: **Vitamin E**

195. Loose arrangement of mitochondrial sheath in spermatozoa results in condition called

Answer: **Cork screw defect**

196. Among the following which are isotonic?

0.9% sodium chloride

5.0% dextrose

Lactated Ringer's solution

Answer: **All the above**

197. Scientific management of animal waste

Answer: **Copronomy**

198. Veterinarian involved in BCG vaccine

Answer: **Guerin**

199. The act of killing in Jewish method is known as

Answer: **Schechita**

200. Syrupy urine is seen in

Answer: **Horse**